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**From:** Wolf, Kristen [kwolf@pa.gov]  
**Sent:** 5/23/2019 1:37:57 PM  
**To:** Carly Dean [cdean@chesapeakeconservancy.org]  
**CC:** Kasi, Veronica [vbkasi@pa.gov]; Keefer, Matthew [makeefer@pa.gov]; Trentacoste, Emily [trentacoste.emily@epa.gov]  
**Subject:** RE: WIP buffer goals & Ches Cons high res data buffer results  
**Attachments:** PA\_Chesapeake\_Bay\_Buffer\_Handout\_Final.pdf

**Importance:** High

Good morning Carly—Nicki Kasi will be attending this afternoon's C&E Workgroup meeting and will be available to discuss this with you after the meeting. Thank you for advising of this and for holding on the press release until this can be better worked out between PA, the Bay Program and the Chesapeake Conservancy.

Thank you  
Kristen

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**From:** Carly Dean <cdean@chesapeakeconservancy.org>  
**Sent:** Wednesday, May 22, 2019 4:39 PM  
**To:** Wolf, Kristen <kwolf@pa.gov>  
**Subject:** WIP buffer goals & Ches Cons high res data buffer results

Hi Kristen,

Hope this note finds you well and enjoying some beautiful spring weather. I'm writing to check in with you about the Chesapeake Conservancy's high resolution buffer analysis for the Chesapeake Bay watershed in Pennsylvania. After a good conversation with Teddi Stark (Matt Keefer had to miss the call at the last minute but has been briefed), we decided one next step is to bring you and DEP into the conversation.

Basically, we completed a high resolution data analysis of PA's forest buffer results (see attached). There is a discrepancy in the PA Phase III WIP Agriculture Working Group buffer goals and the numbers we came up with using the high res data for buffer gaps.

- From the Chesapeake Conservancy's Bay-wide 1 meter by 1 meter resolution landcover (imagery from 2013), combined with the high resolution flow path data we developed (specifically for the buffer analysis), we found that there are a total of **353,416 acres of restoration opportunity areas within 100 ft. of waterways.**
- Of those, **209,349 acres are on farmland.**
- For a goal of restoring 25% of all the potential buffer restoration opportunity areas on farmland, **we would recommend setting a goal of 52,337 acres.**
- This contradicts the **number in the PA draft WIP, which is about 83,000 acres.**

My understanding is that the 83,000 acre number in the PA draft WIP is based on 2006 land cover data at a 30 x 30 meter resolution. We'd like to issue a press release of our results, and have been distributing the attached handout and sharing the results in presentations, but we realize that it is really important to get on the same page with the Phase III WIP to be consistent with language.

There are loads of resources we've developed that show every municipality & county how many acres of buffer restoration opportunity area they have, (and where exactly those are). I will hold off on issuing the press release until we figure out how best talk about the buffer goals: 83,000 vs. 52,000? is a percentage better? and how to reconcile WIP goals and CC results?

Are you available before or after the WIP Communications meeting tomorrow to chat? Otherwise, I'll be up in PA the following dates and could swing by your office--perhaps this just needs a phone call.

Monday, June 10 before 1 pm;  
Thursday, June 20, before 12 noon  
(Maybe) Friday, June 21st (time TBD)  
Thursday, June 27th after 1 pm

Let me know what you think,  
Carly

Carly Dean  
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Check out our wildlife webcams! We take you live inside the nests of some of the Chesapeake's most iconic species - Great Blue Herons, Peregrine Falcons and Osprey.

